MR Form 3 (Revised 1984)

File Ac7/017/00/ Recid 3/19/84

# ANNUAL OPERATIONS AND PROGRESS REPORT

From Month/Year 1/83 to Month/Year 12/83

(To be submitted for  $\underline{\text{each}}$  mining operation at the end of  $\underline{\text{each}}$  calendar year to the Division at this  $\underline{\text{address:}}$ )

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
4241 State Office Building
Salt Lake City, Utah 84114

| OPERATOR:                | Plateau Resources Limited MINE NAME: Tony M                                 |
|--------------------------|---|
| ADDRESS:                 | 772 Horizon Drive, Grand Junction, Colorado 81501                           |
| APPROVAL<br>PASSASSANUME | EER AND DATE OF RESERVE: ACT/017/001 8/20/79, 8/2/82 (revised)              |
| REPRESENTAT              | TVE: Fred W. Gerdeman   |
| SECTION(S):              | 8, 16, 17 & 21 TOWNSHIP(S): 35S RANGE(S): R11E, SLB&M                       |
| MINERAL(S)               | MINED: uranium  |
| STATE AND/C              | R FEDERAL MINERAL LEASE NUMBERS: Section 16 is Utah State Metalliferou 1862 |
| SPECIAL USE              | PERMITS AND/OR RIGHTS-OF-WAY:   |
| Section                  | 40-8-15 and Pulo M-8 of the Utah Mined Land Residentian Ast                 |

Section 40-8-15 and Rule M-8 of the Utah Mined Land Reclamation Act, requires each operator to include with this report an up-dated map and plan prepared in accordance with Rule M-3, as outlined in the requirements for annual report maps in Appendix I, providing a detailed status of all mining and reclamation activities which have occurred during the past year.

The report should include:

# MINING:

(a) Tabulation of acreage disturbed (by pits, roads, facilities, etc.) during the report period with illustration on a current map.

| <u>Disturbance</u>                     | Acreage                         |
|--|---------------------------------|
| Pit Roads Facilities Waste Dumps Other | -0-<br>-0-<br>-0-<br>-0-<br>-0- |

(b) Tabulation of acreage affected to date (by years).

| Date by Year | Acreage (Total |
|--------------|----------------|
| 1975         | N/A            |
| 1976         | N/A            |
| 1977         | N/A            |
| 1978         | N/A            |
| 1979         | <del></del>    |
| 1980         | <del>4</del> 1 |
| 1981         | <u>∠ 1</u>     |
| 1982         | <b>~</b> 1     |
| 1983         | <b>~</b> 1     |
|              |                |

(c) Tabulation of all topsoil (new) stockpile volumes (see chart below) and date of stockpiling.

### SOIL TABULATION CHART

|  |   | A   | Area     |             |
|--|---|-----|----------|-------------|
| Area Affected (in mining sequence) (If more space is needed, please attach.) | Ī | 2   | 3        | etc.        |
| Acreage of Area  |   | N/A | 7        |             |
| Depth of Topsoil Removal (inches)  |   | N/A | <u> </u> |             |
| Depth of Topsoil Replacement (inches)*                                       | - | N/A | A        |             |
| Estimate of Topsoil Volume Salvaged (yd <sup>3</sup> or ac ft)               |   | N/A | A        | <del></del> |
| Volume Actually Salvaged (yd <sup>3</sup> or ac ft)                          |   | N/A | A        |             |
| Volume Required for Reclamation (yd <sup>3</sup> or ac ft)                   |   | N/A | Α        |             |
| Surplus or Deficit Volume (yd <sup>3</sup> or ac ft)                         |   | N/A | A .      |             |
| Storage Status (short- or long-term)   |   | N/A | A        |             |

Soil Tabulation Chart (continued)

|  | Å                          |
|--|----------------------------|
| Area Affected (in mining sequence)   | Area<br>I 2 3 etc.         |
| Storage Location   | N/A                        |
| Area Where Soil Has Been Used (if not stored)  | N/A                        |
| Running Total (all stockpiles) (yd <sup>3</sup> or ac ft)  | N/A                        |
| Short-term   | N/A                        |
| Long-term  | N/A                        |
| *Of previously stripped area recently reclaimed.   |                            |
| (d) Tabulation of all (newly removed) out-of-p placement and illustration on a map.                              | it spoil volumes, date of  |
| <u>Area</u> <u>Date</u>  | Acreage                    |
| N/A  |                            |
|  |                            |
| •  |                            |
| (e) Tabulation of quantity of commodity mined.   |                            |
| Commodity  | Tonnage                    |
| (Mined) uranium ore and waste  | 115583                     |
| (Milled) N/A   |                            |
| (f) Description of any new construction during illustration on a map, including, but not limited                 | the report period with to: |
| <ol> <li>Buildings and support facilities.</li> <li>A new generator-compressor building was completed</li> </ol> | d in 1983 in the surface   |
| facility area.   |                            |
|  |                            |
| 2. Roads.<br>N/A   |                            |
|  |                            |
|  |                            |

|                      | 3.             | Diversion ditches, collector ditches, interceptor ditches, etc.  N/A  |
|----------------------|----------------|---|
|                      |                |   |
|                      |                |   |
|                      |                |   |
|                      | <u>'</u> +•    | Culverts. N/A   |
|                      |                |   |
|                      |                |   |
|                      | 5.             | Sediment ponds, containment ponds.  |
|                      |                |   |
|                      | <del></del>    |   |
|                      |                |   |
|                      | 5.             | Monitoring sites (vegetative, air quality, surface subsidence, surface water or ground water, etc.).  N/A               |
|                      |                |   |
|                      |                |   |
|                      |                |   |
| 7                    | 7.             | Topsoil stockpiles. N/A   |
|                      |                |   |
|                      |                |   |
|                      |                |   |
| (g) De<br>for mitiga | escri<br>atior | ption of any environmental problem areas with a proposed plan and illustration on a map, including, but not limited to: |
| 1                    | L.             | Pit stability problems. N/A   |
|                      |                |   |
|                      |                |   |
|                      |                |   |
| 2                    | 2.             | Subsidence. N/A   |
|                      |                |   |
|                      |                |   |
|                      |                |   |

| 3.                                   | Accidental water d  | ischarge, dam fail<br>N/A       | ure, etc.              |
|--------------------------------------|---------------------|---------------------------------|------------------------|
|                                      | Slumping, sliding o |                                 |                        |
| 5.                                   | Revegetation proble | em areas.<br>N/A                |                        |
|                                      |                     |                                 |                        |
|                                      | Existence and locat |                                 | (toxic) overburden.    |
|                                      |                     |                                 |                        |
|                                      |                     |                                 |                        |
| RECLAMATION:  (a) Tabu  illustration | -                   | reclaimed during thing between: | the report period with |
| 1.                                   | Backfilled, graded  | and contoured area              | as.                    |
|                                      | Area                |                                 | Acreage                |
|                                      |                     | N/A                             |                        |
|                                      |                     |                                 |                        |
| 2.                                   | Topsoiled areas.    |                                 | Acreage                |
|                                      |                     | N/A                             |                        |
|                                      |                     |                                 |                        |
|                                      | ·                   |                                 |                        |

|                | 3.             | Seeded areas.  |                             |                                  |  |                  |
|----------------|----------------|--|-----------------------------|----------------------------------|--|------------------|
|                |                | :  | Area                        | <u>. F</u>                       | Acreage  |                  |
|                |                |  | <br>N/.                     | A                                |  |                  |
|                |                |  |                             |                                  | <del></del>  |                  |
|                | ·              |  |                             |                                  |  |                  |
| <del></del>    | <del></del>    |  |                             |                                  |  |                  |
|                | 4.             | Reseeded area  | s (areas pre                | viously seeded                   | i, then see  | ded again).      |
|                |                |  | Area                        | A                                | Acreage  |                  |
|                |                |  | N/                          | A                                |  |                  |
|                |                | <del></del>  |                             |                                  |  |                  |
|                |                | <del></del>  |                             |                                  | <del></del>  |                  |
| (b)<br>to date | Tabul<br>by ye | ation of total<br>ars with illus   | acreage rec<br>tration on a | laimed (seeded<br>n updated map: | l with perm  | anent seed mix)  |
|                |                | Year   |                             |                                  | Acreage  |                  |
| (c)<br>period, | includ         | 1975<br>1976<br>1977<br>1978<br>1979<br>1980<br>1981<br>1982<br>1983<br>1984 | -                           | procedures use                   | -0-<br>-0-<br>-0-<br>-0-<br>-0-<br>3.2<br>-0-<br>-0-<br>-0-<br>ed during the | he report        |
|                |                |  |                             |                                  |  |                  |
|                | T              |  |                             |                                  |  |                  |
|                | 2.             | Type of seed   | (species) use               | ed for seeding                   | during the   | e report period. |
|                |                |  |                             |                                  |  |                  |

|         | 3.                        | Date of seeding during the report period.  |
|---------|---------------------------|--|
| Spring  |                           | N/A  |
|         |                           |  |
| Fall    |                           |  |
| rair .  | <del></del>               |  |
| •       |                           |  |
|         | 4.                        | Seeding procedures used.   |
| (Hand ) | broadc                    | ast or drilled or any other).  N/A   |
|         |                           |  |
|         | 5.                        | Rate of seed application.  |
| Pounds  | Per A                     | cre of Pure Live Seed (PLS) (if varied, please explain)  N/A   |
|         |                           |  |
|         | 6.                        | Type and rate of fertilizer applied. N/A   |
|         |                           |  |
|         |                           |  |
|         | 7.                        | Type and rate of mulch applied. N/A  |
|         |                           |  |
|         |                           |  |
| Seve    | 8.<br>ral ap <sub>l</sub> | Rate of irrigation water applied, if any. Please describe any type of sprinkling, or water applied (water truck, etc.). plications of water using Rainbird sprinklers were made on a part of |
| of t    | he abai                   | ndoned mine camp area in the summer.   |
|         |                           |  |
|         | 9.                        | Revegetation test plot information.  |
| (Cover  | , dens<br>ata ar          | ity, productivity, etc.) e unavailable at the time of writing.   |
|         |                           |  |
|         |                           |  |

| 10. Soil analysis results. N/A   |  |
|--|--|
|  |  |
|  |  |
|  |  |
| (d) Description of results of previous revegetation efforts, including: (This should be done as applicable.)                       |  |
| <ol> <li>Types (species) of seed that have germinated and are growing.</li> <li>Oryzopsis hymenoides</li> </ol>                    |  |
|  |  |
|  |  |
|  |  |
| 2. Types (species) of seed that are not growing successfully.  |  |
|  |  |
|  |  |
|  |  |
| 3. Areas experiencing problems with weeds and weed types. The areas described as the Abandoned Mine Camp/Leach Field and Abandoned |  |
| Mine Camp.   |  |
|  |  |
|  |  |
| 4. Significant erosional problems. None  |  |
|  |  |
|  |  |
|  |  |
| <ol> <li>Areas of unsuitable overburden on the surface as related to<br/>revegetation failure.<br/>N/A</li> </ol>                  |  |
|  |  |
|  |  |
|  |  |
| 6. Procedures used or proposed to correct these problems. Limited irrigation. The weed "problem" will resolve itself by secondary  |  |
| succession.  |  |
|  |  |
|  |  |

|      | 7                        | . Acreage an revegetate  |   | ease (upon inspe  | ction by the State) of  |
|------|--------------------------|--|---|---|---|
|      | Area                     |  | <u>Dat</u><br>N/A   | <u>e</u>  | <u>Acreage</u>  |
|      | <u>.</u>                 |  |   |   |   |
|      |                          |  |   |   |   |
|      | 8                        | . Results of   | soil analysis<br>N/A  | 3.  |   |
|      |                          |  | · · · · · · · · · · · · · · · · · · ·   |   |   |
|      | <del></del>              |  |   |   |   |
| rep. | iod, in<br>lacemen       | cluding itemiz<br>t, seeding, et   | ed costs for e<br>c.) and for ea  | ach operation (i  | d during the report .e., grading, topsoil rbance (i.e., spoil, sis.   |
| •    |                          |  |   | Acres   | Cost/Acre   |
| 2.   | Seedin<br>A. Se<br>B. Mu | lling<br>ring<br>l Replacement<br>g<br>edbed Preparat<br>lch<br>etilizer |   | This information i  | <del></del>   |
| BON  | D INFOR                  | MATION:  |   |   |   |
|      | I<br>c<br>a<br>s<br>f    | Division's appr<br>hanges to the<br>actual/estimate<br>ection above.     | oval of the Mi<br>MRP have occur<br>d reclamation<br>The date of t<br>ibility for a | ning and Reclama<br>red, including a<br>costs as outline<br>the release of re | if required in the tion Plan (MRP) or if detailed itemization of d in the RECLAMATION vegetated areas from ease, if applicable, |
|      |                          |  | Amount  | Type  | Date Posted   |
| Pre  | sent Bo                  | ond ·  | \$140,637.58  | Mined Land<br>Reclamation<br>Contract   | 10/16/80  |

| Increased | disturbance, | if | any: |
|-----------|--------------|----|------|
|-----------|--------------|----|------|

| N.                       | /A                             |      |
|--------------------------|--------------------------------|------|
| Increased Bond Amount (a | attached reclamation estimate) | ).   |
| B. Bond release.         |                                |      |
| Acres                    | Bond Amount Released           | Date |
|                          | N/A                            |      |
|                          |                                |      |
| <del></del>              |                                |      |

## ADDITIONAL INFORMATION:

Supply any additional information as requested by the Division related to:

- (a) Permit stipulations (status).
- (b) Other special conditions (status).

During the operating year 1983, mining was conducted in a strict development mode with primary drifting concentrated in the main haulageways and laterals.

At the end of 1982, 83,208 feet of development drift had been driven since mining was started at the Tony M mine. During 1983, 12,967 feet were driven for a total of 18.2 miles of drift. The drifts driven in 1983 produced 73,554 tons of waste and 42,029 tons of ore at .165% U308. All waste material produced was deposited in a waste dump adjacent to the mine portals and all ore grade material was stockpiled in Shootaring Canyon near the mine surface facilities.

The construction of a Compressor-Generator building and a security fence around the company's maintenance facility was also completed during the year.

Due to the depressed uranium market, operations at the Tony M mine will be sharply reduced in 1984. While mine development will continue in two working areas, the primary objective of Plateau Resources will be to simply maintain existing development drifts.

No surface facilities expansion or reconstruction projects are planned for the upcoming year.

The contents of the Hydro Jet west leach vat were removed and hauled to the tailings disposal impoundment at the Processing Facility in accordance with the requirements for the Nuclear Regulatory Commission (NRC). Plateau feels that it has fully met the requirements for decommissioning of the Hydro Jet facility and has requested that the NRC terminate the source material license.

#### APPENDIX I

#### ANNUAL REPORT MAPS

- 1. Maps must be clear and legible contour maps or recent aerial photos. The scale should be 1 inch = 500 feet to adequately show topographic features.
- 2. Map sheets should be of a reasonable size, not to exceed 48 inches on a side.
- 3. Maps must have a title block with:
  - A. Map title.
  - B. Name and address of permittee.
  - C. Permit and amendment numbers.
  - D. Annual report period.
  - E. Scale, north arrow, contour interval, date of photography, etc.
- 4. All maps must show:
  - A. Legal subdivisions.
  - B. Permit area boundary clearly shown and labelled.
  - C. Amendment areas clearly shown and labelled.
  - D. Contour features.
- 5. The following features should all be clearly identified:
  - A. Topsoil stockpiles (numbered and with volumes).
  - B. Settling ponds and sediment control structures.
  - C. Haul roads.
  - D. Pits identified by location, name, number, etc.
  - E. Ramps (numbered).
  - F. Cut-of-pit spoil dumps.
  - G. All waste disposal sites including, but not limited to:
    - 1. Landfill sites.
    - 2. Carbonaceous waste dumps.
  - H. Diversion ditches.
  - I. Monitoring sites.
- 6. All areas to be affected by mining and reclamation in the coming year should be outlined and labelled.